

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A remote computer management system comprising:
a plurality of remote computers;
at least one user interface unit coupled to a keyboard, video monitor and cursor control device, said user interface unit comprising circuitry for receiving and transmitting keyboard, cursor control device and video signals; and
a plurality of computer interface units, each of said computer interface units being co-located with and coupled to one of said remote computers, said computer interface units comprising circuitry for receiving and transmitting keyboard, cursor control device and video signals, and a signaling circuit for generating a signal upon detection of a specific event; and
a computer management unit which bi-directionally communicates with said user interface unit and said computer interface unit;
wherein said computer interface unit bi-directionally communicates with said user interface unit over a network; ~~and~~
~~wherein said computer management unit provides a link on said video monitor to enable access to a select one of said plurality of remote computers upon said detection of said specific event.~~
2. (Previously Presented) A system according to claim 1, wherein said signaling circuit signal is an audible signal.

3. (Previously Presented) A system according to claim 1, wherein said signaling circuit signal is a visual signal.
4. (Previously Presented) A system according to claim 1, wherein said signaling circuit produces a first response in response to said signaling circuit signal and a second response to a second signaling circuit signal.
5. (Previously Presented) A system according to claim 1, wherein said signaling circuit signal is produced in response to a hardware or software failure on said remote computer.
6. (Previously Presented) A system according to claim 1, wherein said signaling circuit signal is produced in response to a firmware upgrade on said remote computer.
7. (Previously Presented) A system according to claim 1, wherein said signaling circuit signal is produced in response to the completion of a firmware upgrade on said computer interface unit.
8. (Previously Presented) A system according to claim 1, wherein said signaling circuit signal indicates the status of an upgrade to said remote computer.

Claims 9-12. (Canceled).

13. (Previously Presented) A system according to claim 1, wherein said computer management unit is coupled to each of said computer interface units and enables bi-directional communication among said user interface units and said remote computers.
14. (Previously Presented) A system according to claim 1, wherein said user interface unit sends a request to said computer interface unit via said computer management unit.
15. (Previously Presented) A system according to claim 14, wherein said signaling circuit signal is generated in response to said request.
16. (Previously Presented) A system according to claim 1, wherein said signaling circuit signal is transmitted to said user interface unit, which displays a notification message on said video monitor upon receipt of said signaling circuit signal.
17. (Previously Presented) A remote device management system comprising:
a plurality of remote interface modules, each said remote interface module for physically connecting to keyboard, cursor control device and video cables of one a plurality of remote devices and for receiving and transmitting keyboard, cursor control device and video signals;
a signaling circuit within said remote interface module responsive to a signaling circuit control signal, wherein said signaling circuit is capable of generating a signal in response to said signaling circuit control signal;
at least one management unit coupled to each of said remote interface modules;
and

at least one user interface device coupled to a keyboard, cursor control device, and video monitor for receiving and transmitting keyboard, cursor control device and video signals;

wherein said user interface device is capable of producing said signaling circuit control signal; and

wherein each said remote interface module is connected via a single network cable to said management unit.

18. (Previously Presented) A system according to claim 17, wherein said response signal indicates the status of said remote devices.

19. (Previously Presented) A system according to claim 17, wherein said response signal indicates the status of said remote interface modules.

20. (Previously Presented) A system according to claim 17, wherein said response signal is transmitted to said user interface device and upon receipt of said response signal, a status message is displayed on said video monitor.

21. (Previously Presented) A system according to claim 17, wherein said response signal is an audible signal.

22. (Currently Amended) In a system comprising at least one user interface device and a plurality of remote devices each coupled to a one of a plurality of interface modules, a method of managing said plurality of remote devices comprising the steps of:
monitoring for events at said plurality of remote devices via said interface module

comprising a signaling circuit;

detecting said event at said interface module;

producing a response signal in response to said event detection;

transmitting said signal to said user interface device; and

displaying a notification message on a video monitor in response to said transmitted signal; and

~~emitting a form of the signal at the interface module detecting the event providing a link to enable access to a select one of said plurality of remote devices;~~

wherein said notification message indicates an occurrence of said event.

23. (Previously Presented) A method according to claim 22, wherein said event includes at least one from the group comprising a firmware upgrade, status update, hardware failure or software failure.

24. (Previously Presented) A method according to claim 22, wherein said signaling circuit produces said response signal.

25. (New) A remote computer management system comprising:

a plurality of remote computers;

at least one user interface unit coupled to a keyboard, video monitor and cursor control device, said user interface unit comprising circuitry for receiving and transmitting keyboard, cursor control device and video signals; and

a plurality of computer interface units, each of said computer interface units being co-located with and coupled to one of said remote computers, each of said computer interface units comprising circuitry for receiving and transmitting keyboard,

cursor control device and video signals, and a signaling circuit for generating a signal upon detection of a specific event, wherein said computer interface unit bi-directionally communicates with said user interface unit over a network.

26. (New) A system according to claim 25, wherein the signal is emitted at a computer interface unit that detected the specific event.